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| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br>(REV. 10-2003)  |   | ATTORNEY'S DOCKET NUMBER<br>10191/4411                              |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |   | U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/567507</b> |
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| INTERNATIONAL APPLICATION NO.<br>PCT/DE2004/001408   | INTERNATIONAL FILING DATE<br>02 July 2004<br>(02.07.04) | PRIORITY DATE CLAIMED:<br>06 August 2003<br>(06.08.03)              |
| TITLE OF INVENTION<br>METHOD AND DEVICE FOR BIDIRECTIONAL SINGLE-WIRE DATA TRANSMISSION.   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>KRAEMER</b><br>Rolf KRAEMER, Ulrich BENDEL, Bernhard EISELE, Markus KETTERER, Uwe SCHILLER and Juergen STEIN   |   |   |
| Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unsigned)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |   |
| Items 11 to 20 below concern document(s) or information included:  |   |   |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input checked="" type="checkbox"/> A Substitute Specification, and a mark-up copy thereof.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: International Search Report (translated), Form PCT/RO/101, and Written Opinion of the International Searching Authority.</li> </ol>  |   |   |

Express Mail No.: **E1322952491**

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.51)<br><div style="font-size: 2em; font-weight: bold; margin-top: 5px;">10/567507</div>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/DE2004/001408 |   | ATTORNEY'S DOCKET NUMBER<br>10191/4411 |          |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b><br><br><input checked="" type="checkbox"/> National Stage Search Fee .....\$400.00<br><input checked="" type="checkbox"/> National Stage Examination Fee.....\$200.00  |              |  |   | CALCULATIONS      PTO USE ONLY         |          |
| ENTER APPROPRIATE BASIC FEE AMOUNT =  |              |  |   | \$300.00                               |          |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |   | \$                                     |          |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA                                       | RATE  |  |          |
| Total Claims  | 14 - 20 =    | 0  | X \$50.00   | \$ 0                                   |          |
| Independent Claims  | 2 - 3 =      | 0  | X \$200.00  | \$ 0                                   |          |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |  | + \$360.00  | \$                                     |          |
| TOTAL OF ABOVE CALCULATIONS =   |              |  |   | \$ 900.00                              |          |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |  |   | \$                                     |          |
| SUBTOTAL =  |              |  |   | \$ 900.00                              |          |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |  |   | \$                                     |          |
| TOTAL NATIONAL FEE =  |              |  |   | \$ 900.00                              |          |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  |              |  |   | \$                                     |          |
| TOTAL FEES ENCLOSED =   |              |  |   | \$ 900.00                              |          |
|   |              |  |   | Amount to be Refunded:                 | \$       |
|   |              |  |   | Charged                                | \$900.00 |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>11-0600</u> in the amount of <u>\$900.00</u> to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>11-0600</u> . A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. |              |  |   |  |          |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. <i>R. 122 (R. No. 41,172)</i>  |              |  |   |  |          |
| SEND ALL CORRESPONDENCE TO:<br>KENYON & KENYON LLP<br>One Broadway<br>New York, New York 10004<br>CUSTOMER NO. 26646  |              |  | <div style="text-align: center;"> <br/>         SIGNATURE<br/>         Gerard A. Messina (Reg. No. 35,952)<br/>         NAME <u>2/4/06</u><br/>         DATE       </div> |  |          |